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# Volume 4

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# 1966

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# Notes to contributors

For the benefit of readers and potential contributors, the main divisions of the *Journal's* contribution to electrical engineering education are summarized below. This list is not intended to be exhaustive.

Articles which describe methods for the presentation of new topics in electrical engineering or fresh aspects of the teaching of traditional subject matter. The level of these articles will vary considerably. Some will cater for the needs of the Technical Colleges, others for Universities, while some will be directed towards teaching at the post-graduate level. Sequential articles will be encouraged. While English is to be the preferred language, articles in other languages will be accepted. In any event a brief abstract in English will be required of authors. Abstracts of papers will also be given in French, German and Russian. While authors will receive no payment for their contributions, they will be provided with a number of reprints.

Accounts of laboratory experiments. These should describe new techniques for dealing with traditional subjects, or alternatively should illustrate new or expanding branches of electrical engineering. The accounts may be presented in one of two ways.

(a) A complete, though concise, description, sufficient to enable the experiment to be set up in any teaching laboratory.

(b) A brief 'Abstract' to be included in the *Journal*, accompanied by a complete Report not intended for publication.

The *Journal* provides a service whereby those interested in particular reports which have appeared in the *Bulletin* or the *Journal* may borrow copies of the complete report. This is more appropriate, for example, when the number of diagrams makes it impossible to adopt procedure (a). This service is free to subscribers.

(c) Articles which discuss the object, content and organization of part-time, sandwich, undergraduate, and postgraduate courses in technical colleges and universities in various parts of the world. Such articles should not be merely factual accounts, but should attempt to justify and assess such courses so that others are able to profit from the experience reported.

The pace of development in electrical engineering education, in common with other aspects of technical and scientific education, is now very rapid. Little attention has been paid in the past to covering these new developments. Not all of the interesting experiments and advances arise directly as the result of university and college activities. Where there has been industrial or governmental initiative it is hoped to encourage publication of the details.

In addition to the purely technical aspects of electrical engineering education, the Editors wish to encourage material relating to new features in industrial-university relationships, seminars, training schemes and graduate and apprentice courses.

(d) Articles which describe research, provided that the topic has direct relevance to education at the undergraduate and postgraduate level. There are many examples where successful research projects have led to new laboratory teaching experiments. This is particularly applicable where special apparatus and laboratories have been established in universities and other research institutes.

(e) Short accounts of advanced and graduate lecture courses, particularly where these include sets of lecture notes that can be borrowed as in (2b).

(f) Reports of educational conferences. The Editors propose to report on the proceedings of major educational conferences wherever they are taking place throughout the world through the International Advisory Panel. One or other of the Editors will probably be present at the more important European meetings.

(g) Book Reviews. It is proposed to provide comprehensive and searching book reviews. The aim will be to assist materially those who are anxious to assess the desirability or otherwise of a particular volume to their facet of education. Quarterly publication will ensure prompt review of books. Publishing houses are invited to submit books for review.

(h) Equipment Reviews. In addition to the review of books, it is proposed to review, in a critical fashion, items of equipment intended as teaching aids. These teaching aids, laboratory experiments and demonstrations are being manufactured commercially to an increasing extent. Manufacturers are invited to submit items for review.

(9) Letters to the Editor. The Editors welcome correspondence connected with articles in the *Journal* and related topics.

Prospective authors are invited to apply to the Editor for a copy of the leaflet 'Preparation of Papers for the *International Journal of Electrical Engineering Education*'.

#### **Back numbers**

Back numbers of the *Bulletin of Electrical Engineering Education*, numbers 11 to 29 are still available and can be obtained from the Publishers at 5s. 3d. each, postage extra.

Most of the issues which comprised Volume 1 (numbers 1 to 10) of the *Bulletin of Electrical Engineering Education* are now out of print, but these numbers are now available on microfiche at £2 for the ten issues from the University of Manchester Institute of Science and Technology.

A microfiche is a 5 in.  $\times$  3 in. piece of flat film on which there are between 30 and 60 pages. It is used in a microfilm or microfiche 'reader'. Most industrial, and many public, libraries now have these instruments.

#### **Subscription rates for Volume 4**

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